



Sheet 1 of 1

|  |  |  |                                 |                               |
|--|--|--|---------------------------------|-------------------------------|
| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | ATTORNEY DOCKET NO.<br>970.1011 | APPLICATION NO.<br>10/529,362 |
| INFORMATION DISCLOSURE STATEMENT<br><i>(Use several sheets if necessary)</i> |  | FIRST NAMED INVENTOR<br>Toshiaki KAKEMURA et al. |                                 |                               |
|  |  | FILING DATE<br>March 28, 2005                    | GROUP ART UNIT<br>1792          |                               |

## U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NO. | DATE     | NAME           | CLASS | SUB-CLASS | FILING DATE |
|-------------------|----|--------------|----------|----------------|-------|-----------|-------------|
|                   | AA | 5,965,203    | 10/12/99 | Gabric, et al. |       |           |             |
|                   | AB | 5,904,952    | 05/18/99 | Lopata, et al. |       |           |             |
|                   | AC | 4,888,199    | 12/19/89 | Felts, et al.  |       |           |             |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NO. | DATE       | COUNTRY                              | TRANSLATION<br>YES      NO | ABSTRACT |
|--|----|--------------|------------|--------------------------------------|----------------------------|----------|
|  | AD | 0 741 196    | 11/06/1999 | Europe (corresponds to US 5,965,203) |                            | No       |
|  | AE | 0 469 926    | 02/05/1990 | Europe (corresponds to JP 06-108255) |                            | No       |
|  | AF | 06-108255    | 04/19/1994 | Japan (corresponds to EP 0 469 926)  | Yes                        | No       |
|  | AG | 08-306685    | 11/22/1996 | Japan (corresponds to US 5,965,203)  | Yes                        | Yes      |
|  | AH | 08-316214    | 11/29/1996 | Japan                                | Yes                        | Yes      |
|  | AI | 11-181570    | 07/06/1999 | Japan                                | Yes                        | Yes      |
|  | AJ | 62-89869     | 04/24/1987 | Japan                                |                            | No       |
|  | AK | 62-93382     | 04/28/1987 | Japan                                |                            | Yes      |
|  | AL | 64-087772    | 03/31/1989 | Japan (corresponds to US 5,904,952)  |                            | Yes      |
|  | AM | 64-087777    | 03/31/1989 | Japan (corresponds to US 4,888,199)  |                            | Yes      |
|  | AN | 2001-220679  | 08/14/2001 | Japan                                | Yes                        | Yes      |
|  | AO | 2 188 878    | 09/10/2002 | Russia                               |                            | No       |
|  | AP | 2 165 476    | 04/20/2001 | Russia                               |                            | Yes      |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**ATTACHMENT 1(e)**

|  |   |                                      |
|--|---|--------------------------------------|
| <b>EXPLANATIONS OF RELEVANCY<br/>OF REFERENCES</b> | ATTORNEY DOCKET NO.<br><b>970.1011</b>                  | APPLICATION NO.<br><b>10/529,362</b> |
|  | FIRST NAMED INVENTOR<br><b>Toshiaki KAKEMURA et al.</b> |                                      |
|  | FILING DATE<br><b>March 28, 2005</b>                    | GROUP ART UNIT<br><b>1792</b>        |

- US 5,965,203 (reference AA) is an English-language corresponding patent application of EP 0 741 196 (reference AD).
- EP 0 469 926 (reference AE) is an English-language corresponding patent application of JP 6-108255 (reference AF). A computer-generated translation of JP 6-108255 is provided.
- US 5,965,203 (reference AA) is an English-language corresponding patent application of JP 08-306685 (reference AG). A computer-generated translation of JP 08-306685 and abstract are provided.
- A computer-generated translation of JP 08-316214 (reference AH) and abstract are provided.
- A computer-generated translation of JP 11-181570 (reference AI) and abstract are provided.
- An English-language abstract of JP 62-89869 (reference AJ) is provided.
- An English-language abstract of JP 62-093382 (reference AK) is provided.
- US 5,904,952 (reference AB) is an English-language corresponding patent application of JP 64-087772 (reference AL). An English-language abstract JP 64-087772 is provided.
- US 4,888,199 (reference AC) is an English-language corresponding patent application of JP 64-087777 (reference AM). An English-language abstract JP 64-087777 is provided.
- A computer-generated translation of JP 2001-220679 (reference AN) and abstract are provided.
- An English-language abstract of RU 2 188 878 (reference AO) is provided.
- An English-language abstract of 2 165 476 (reference AP) is provided.